OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY

The Office of Energy Efficiency and Renewable Energy seeks to develop the technology needed for the Nation to use its existing energy supplies more efficiently, and for it to adopt, on a large scale, renewable energy sources. Toward this end, the Office conducts long-term, high-risk, high-payoff R&D that will lay the groundwork for private sector action.

A number of materials R&D projects are being conducted within the Energy Efficiency and Renewable Energy program. The breadth of this work is considerable, with projects focusing on coatings and films, ceramics, solid electrolytes, elastomers and polymers, corrosion, materials characterization, transformation, superconductivity and other research areas. The level of funding indicated refers only to the component of actual materials research.

The Office of Energy Efficiency and Renewable Energy conducts materials research in the following offices and divisions:

	FY 1995
1. Office of Building Technology, State and Community Programs	$ 800,000
a. Office of Building Systems	800,000
2. Office of Industrial Technologies	$31,142,477
a. Office of Waste Reduction Technologies	825,000
(1) Waste Material Management Division	825,000
(a) Solar Materials Research	825,000
b. Office of Industrial Processes	30,317,477
(1) Advanced Industrial Materials Program	8,932,000
(2) Advanced Turbine Systems Program	11,000,000
(3) Heat Exchanger Program	2,108,477
(4) Continuous Fiber Ceramic Composites (CFCC) Program	8,277,000
3. Office of Transportation Technologies	$24,851,000
a. Office of Transportation Materials	12,646,000
b. Office of Propulsion Systems	12,205,000
(1) Advanced Propulsion Division	7,595,000
(2) Electric and Hybrid Propulsion Division	4,610,000
4. Office of Utility Technologies	$33,740,000
a. Office of Solar Energy Conversion	15,200,000
(1) Photovoltaic Energy Technology Division	15,200,000
b. Office of Renewable Energy Conversion	540,000
(1) Geothermal Division (GD)	540,000
c. Office of Energy Management	18,000,000
(1) Advanced Utility Concepts Division	18,000,000
(a) Superconductivity Systems Program	18,000,000